

Supplementary Online Content

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eDOCUMENT. PERL Script Generated Using Entrez Programming Utilities to Extract Information From the PubMed Database on all Articles Published From 1986-2006 in 16 Well-Known Medical Journals

eTABLE. Authorship and Publication Trends From 1986 to 2006

This supplementary material has been peer reviewed, edited, and approved by the authors.

eDOCUMENT. PERL Script Generated Using Entrez Programming Utilities to Extract Information From the PubMed Database on all Articles Published From 1986-2006 in 16 Well-Known Medical Journals

```
#!/usr/bin/perl -w

use strict;
use LWP::UserAgent;
use HTTP::Headers;

## Retrieve all articles published by several journals.
## Copyright (c) 2009 Kevin Neff <neff.kevin@mayo.edu>
```

```
# Unique identification codes (NML ID) of the journals from which to
# download articles
my @journals=(
    "7501160", # JAMA
    "0255562", # New England Journal of Medicine
    "8900488", # British Medical Journal (BMJ)
    "0401260", # Radiology
    "8003708", # AJNR (neuroradiology)
    "7708173", # AJR (radioogy)
    "2985213R", # Lancet
    "7802877", # JCI
    "0372351", # Annals of Internal Med
    "7603509", # Blood?
    "8302946", # Hepatology
    "14470100R", # Archives Internal Medicine (AMA)
    "100957246", # Lancet Oncology
    "9502015", # Nature Medicine
    "1275002", # Journal of Allergy and Clinical Immunology
    "7503089", # Journal of the National Cancer Institute
    "7802877", # Journal of Clinical Investigation
    "0147763", # Circulation
    "0372435" # Archives of General Psychiatry
);
```

```
# Years during which to acquire a sample (1986-2008)
my $year_first = 1986;
my $year_last = 2006;
```

```
# This information helps NCBI notify the author of problems
my $email = "neff.kevin%40mayo.edu";
my $tool = "get_years_all.pl";
```

```
my $base =
"http://eutils.ncbi.nlm.nih.gov/entrez/eutils/esearch.fcgi?" .
"db=pubmed".
"&tool=$tool" .
"&email=$email";
```

```

# Autoflush the output buffer
$| = 1;

# Create a "browser"
my $hdr = new HTTP::Headers( 'Accept' => 'http', 'User-Agent' => 'Mozilla/1.0' );
my $ua = new LWP::UserAgent;

# Iterate over list of journals, and for each journal, iterate through the
# specified range of years.
for( my $m = 0; $m <= $#journals; $m += 1 ) {

    # File where the results for this journal will be stored
    my $jfn = "j" . $journals[$m] . "_" . $year_first . "_" . $year_last . ".dat";
    open( OUT, ">$jfn" ) or die( "Cannot open file ($jfn) for write" );

    for( my $n = $year_first; $n <= $year_last; $n += 1 ) {

        printf( STDERR "journal: %s  year: %d ", $journals[$m], $n );

        # Memory for the data that will be output
        my @summaries;

        # Get the number of search results so that we can page through them, 20
        # at a time.
        my $retmax = "&retmax=";
        my $url = $base . "&term=$journals[$m] [jid] AND $n [pdat]";
        $url =~ s/\%5B/g;
        $url =~ s/\%5D/g;
        $url =~ s/\%22/g;
        $url =~ s/ +/+/g;

        my $req = new HTTP::Request( "GET", $url, $hdr );
        my $got = $ua->request( $req );
        if( ! $got->is_success ) {
            print( STDOUT "Error: $url\n" );
            exit( 10 );
        }
        else {
            # Figure out how many records to request to get all IDs in one chunk
            # nEFf dot kEVin At m a y o ddoott e d u
            my @lines = split( "\n", $got->content );
            for( my $j = 0; $j <= $#lines; $j += 1 ) {
                if( $lines[$j] =~ /Count/ ) {
                    $lines[$j] =~ s/ +//;
                    $lines[$j] =~ s/^.*<Count>//;
                    $lines[$j] =~ s/<Count>.*$/;
                    $retmax .= $lines[$j];
                    last;
                }
            }
        }
    }
}

```

```

}

}

# Download all of the IDs at once and put them in an array.
my $id_index = 0;
my @ids = ();
$url .= $retmax;
$req = new HTTP::Request( "GET", $url, $hdr );
$got = $ua->request( $req );
if( !$got->is_success ) {
    print( STDOUT "Error: $url\n" );
    exit( 10 );
}
else {
    # Figure out how many records to request
    my @lines = split( /\n/, $got->content );
    for( my $j = 0; $j <= $#lines; $j += 1 ) {
        if( $lines[$j] =~ /Id>/ ) {
            $lines[$j] =~ s/ +//;
            $lines[$j] =~ s/^.*<Id>//;
            $lines[$j] =~ s/<VId>.*$/;
            $ids[$id_index] = $lines[$j];
            $id_index += 1;
        }
    }
}
printf( STDERR "ids downloaded: %d\n", $#ids );

if( $#ids == -1 ) {
{
    printf( STDERR "A Terrible Error has occurred. Skipping.\n" );
    next;
}

# start downloading summaries, in batches, pausing randomly
my $base_summary =
"http://utils.ncbi.nlm.nih.gov/entrez/utils/esummary.fcgi?" .
"db=pubmed".
"&tool=$tool" .
"&email=$email";

my $records = 20;
my $summary_line = "";
for( my $i = 0; $i <= $#ids; $i += $records ) {

    # Throttle download speed, to prevent angry government workers.
    sleep rand()*2;

    # build the list of IDs for which we will obtain a summary
    my $ids_request = "&id=";
    for( my $j = 0; $j < $records; $j += 1 ) {
        if( defined( $ids[$i+$j] ) ) {

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$ids_request .= "$ids[$i+$j],";
}
}
print( STDERR "$ids_request\n" );

# request summaries, repeating until it goes through
do {
    $url = $base_summary . $ids_request;
    $req = new HTTP::Request( "GET", $url, $hdr );
    $got = $ua->request( $req );

    if( ! $got->is_success ) {
        print( STDERR "\nFailed!\n" );
        print( STDERR "Error: $url\n" );
        sleep( 30 );
    }
} while( ! $got->is_success );

# parse summaries, storing various information in an array
my $count = 0;
my @lines = split( /\n/, $got->content );

my (@authors, $journal, $pmid, $pubtype);
for( my $j = 0; $j <= $#lines; $j += 1 ) {
    my $tmp = $lines[$j];
    $tmp =~ s/^[\t]//;
    $tmp =~ s/ + /;

    # Beginning-of-record actions
    if( $tmp =~ /<DocSum>/ ) {
        $count += 1;
        @authors = ();
        $journal = "";
        $pmid = "";
        $pubtype = "";
    }

    # End-of-record actions
    if( $tmp =~ /<\!DocSum>/ ) {
        my $str = sprintf(
            "%s", $journals[$m], $n, $pubtype, "%d", $#authors+1, );
        push( @summaries, $str );
    }

    # PubMed ID
    if( $tmp =~ /<Id>/ ) {
        $tmp =~ s/ +/;
        $tmp =~ s/^.*<Id>/;
        $tmp =~ s/<\!Id>.*$/;
        $pmid = $tmp;
    }
}

```

```

# Journal name
elsif( $tmp =~ /"FullJournalName"/ ) {
    $tmp =~ s/<[^>]*>//g;
    $tmp =~ s/^ +//;
    $tmp =~ s/ +$/;;
    $tmp =~ s/\t//g;
    $journal = $tmp;
}

# Publication type
elsif( $tmp =~ /"PubType"/ ) {
    $tmp =~ s/<[^>]*>//g;
    $tmp =~ s/^ +//;
    $tmp =~ s/ +$/;;
    $tmp =~ s/\t//g;
    $pubtype = $tmp;
}

# Author list
elsif( $tmp =~ /"Author"/ ) {
    $tmp =~ s/<[^>]*>//g;
    $tmp =~ s/^ +//;
    $tmp =~ s/ +$/;;
    $tmp =~ s/\t//g;
    push( @authors, $tmp );
}
}

foreach my $s (@summaries) {
    print( OUT "$s\n" );
}
@summaries = ();
}
}

```

eTABLE. Authorship and Publication Trends From 1986 to 2006

Year	Article type	AIM No. %	BMJ No. %	JAMA No. %	The Lancet No. %	NEJM No. %	AGP No. %	AJR No. %	Radiology No. %	AJNR No. %	Blood No. %	Circulation No. %	JACI No. %	JCI No. %	JNCI No. %	Hepatology No. %	NM No. %
1986	Total	611 100		1124 100	2389 100	1076 100	154 100	553 100	711 100	154 100	520 100	479 100	299 100	505 100	352 100	212 100	
	OR	269 44		527 47	481 20	373 35	121 79	485 88	664 93	125 86	482 93	424 89	214 72	493 98	331 94	173 82	
	Letter	270 44		396 35	1529 64	520 48	21 14	52 9	35 5	15 10	21 4	0 0	9 3	0 0	14 4	19 9	
	RCT	17 3		15 1	83 3	49 5	11 7	2 0	4 1	1 1	4 1	17 4	31 10	2 0	1 0	12 6	
	MCT	0 0		0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
	Meta	0 0		0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
	Review	31 5		17 2	5 0	37 3	0 0	5 1	3 0	3 2	13 3	35 7	38 13	9 2	6 2	4 2	
	Editorial	24 4		87 8	282 12	96 9	0 0	9 2	3 0	1 1	0 0	2 0	2 1	0 0	0 0	4 2	
1987	Total	570 100		1160 100	2640 100	952 100	163 100	577 100	746 100	172 100	608 100	559 100	246 100	511 100	321 100	216 100	
	OR	235 41		574 49	470 18	359 38	109 67	493 85	669 90	139 81	576 95	451 81	183 74	502 98	309 96	171 79	
	Letter	252 44		353 30	1756 67	411 43	37 23	71 12	58 8	29 17	18 3	0 0	5 2	0 0	8 2	17 8	
	RCT	27 5		21 2	107 4	41 4	15 9	1 0	1 0	0 0	2 0	15 3	42 17	2 0	2 1	11 5	
	MCT	0 0		0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
	Meta	0 0		0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
	Review	36 6		58 5	30 1	48 5	2 1	8 1	11 1	3 2	12 2	92 16	13 5	7 1	2 1	11 5	
	Editorial	20 4		74 6	268 10	92 10	0 0	4 1	7 1	1 1	0 0	1 0	3 1	0 0	0 0	6 3	
1988	Total	575 100	930 100	1307 100	2664 100	987 100	169 100	600 100	786 100	162 100	630 100	411 100	312 100	564 100	283 100	290 100	
	OR	220 38	400 43	678 44	425 16	353 36	103 61	460 77	649 83	146 90	588 93	364 89	190 61	552 98	190 67	246 85	
	Letter	240 42	332 36	349 27	1770 66	453 46	30 18	113 19	67 9	9 6	24 4	1 0	11 4	0 0	28 10	20 7	
	RCT	16 3	29 3	28 2	92 3	38 4	23 14	2 0	2 0	3 2	9 1	18 4	53 17	1 0	9 3	9 3	
	MCT	1 0	1 0	0 0	6 0	1 0	0 0	1 0	1 0	0 0	1 0	0 0	0 0	0 0	0 0	0 0	
	Meta	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
	Review	72 13	59 6	81 6	143 5	47 5	11 7	21 4	31 4	4 2	8 1	24 6	55 18	10 2	22 8	15 5	
	Editorial	22 4	76 8	79 6	174 7	95 10	1 1	3 1	36 5	0 0	0 0	4 1	2 1	0 0	16 6	0 0	
1989	Total	530 100	1769 100	1353 100	2700 100	1031 100	169 100	589 100	857 100	223 100	753 100	532 100	308 100	554 100	359 100	333 100	
	OR	194 37	712 40	605 45	423 16	335 32	97 57	416 71	720 84	203 91	688 91	414 78	211 69	538 97	204 57	265 80	
	Letter	215 41	664 38	382 28	1803 67	467 45	36 21	134 23	75 9	10 4	34 5	16 3	17 6	0 0	34 9	22 7	
	RCT	22 4	54 3	24 2	97 4	64 6	21 12	4 1	1 0	0 0	6 1	21 4	45 15	1 0	6 2	18 5	
	MCT	4 1	6 0	5 0	15 1	8 1	2 1	1 0	2 0	1 0	1 0	5 1	0 0	0 0	2 1	1 0	
	Meta	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	
	Review	85 16	177 10	87 6	149 6	48 5	12 7	32 5	32 4	5 2	24 3	71 13	31 10	11 2	18 5	26 8	
	Editorial	6 1	107 6	63 5	168 6	108 10	0 0	1 0	26 3	4 2	0 0	3 1	4 1	0 0	20 6	1 0	
1990	Total	489 100	1592 100	1305 100	2548 100	1019 100	156 100	598 100	763 100	243 100	763 100	711 100	294 100	560 100	406 100	416 100	
	OR	174 36	625 39	662 51	367 14	341 33	93 60	406 68	631 83	227 93	660 87	524 74	164 56	547 98	190 47	319 77	
	Letter	179 37	595 37	306 23	1662 65	425 42	36 23	145 24	67 9	9 4	57 7	30 4	25 9	0 0	45 11	25 6	
	RCT	40 8	47 3	33 3	105 4	84 8	21 13	0 0	6 1	1 0	14 2	39 5	61 21	0 0	14 3	16 4	
	MCT	4 1	5 0	5 0	10 0	6 1	0 0	0 0	2 0	0 0	5 1	4 1	1 0	0 0	3 1	0 0	
	Meta	5 1	2 0	2 0	10 0	1 0	1 1	0 0	0 0	0 0	1 0	0 0	0 0	3 1	1 1	0 0	
	Review	59 12	157 10	37 3	147 6	55 5	5 3	45 8	27 4	5 2	23 3	80 11	34 12	13 2	21 5	49 12	
	Editorial	24 5	109 7	68 5	184 7	106 10	0 0	1 0	27 4	0 0	3 0	32 5	2 1	0 0	28 7	4 1	
1991	Total	527 100	1868 100	1359 100	2593 100	969 100	148 100	573 100	724 100	275 100	888 100	779 100	260 100	591 100	377 100	423 100	
	OR	188 36	548 29	670 49	433 17	314 32	87 59	374 65	585 81	242 88	748 84	521 67	166 64	576 97	152 40	354 84	
	Letter	188 36	898 48	302 22	1681 65	385 40	29 20	145 25	56 8	15 5	79 9	36 5	24 9	0 0	46 12	13 3	
	RCT	44 8	46 2	34 3	112 4	79 8	24 16	3 1	10 1	1 0	18 2	48 6	47 18	0 0	14 4	26 6	
	MCT	3 1	1 0	3 0	16 1	4 0	0 0	2 0	6 1	0 0	6 1	6 1	1 0	0 0	1 0	0 0	

eTABLE continued. Authorship and Publication Trends From 1986 to 2006

Year	Article type	AIM		BMJ		JAMA		The Lancet		NEJM		AGP		AJR		Radiology		AJNR		Blood		Circulation		JACI		JCI		JNCI		Hepatology		NM	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
1992	Meta	8	2	9	0	5	0	3	0	1	0	0	0	1	0	1	0	0	0	0	0	4	1	0	0	0	0	4	1	2	0		
	Review	43	8	44	2	63	5	39	2	56	6	6	4	44	8	23	3	16	6	31	3	87	11	11	4	14	2	12	3	12	3		
	Editorial	52	10	264	14	88	6	254	10	127	13	0	0	1	0	32	4	0	0	3	0	69	9	7	3	0	0	30	8	15	4		
	Total	609	100	2184	100	1448	100	2772	100	1359	100	137	100	651	100	695	100	245	100	965	100	670	100	283	100	608	100	415	100	416	100		
	OR	208	34	564	26	631	44	400	14	314	23	81	59	427	66	573	82	187	76	795	82	457	68	159	56	595	98	174	42	357	86		
	Letter	244	40	1160	53	441	30	1854	67	744	55	25	18	158	24	49	7	18	7	97	10	37	6	7	2	0	0	56	13	11	3		
	RCT	44	7	53	2	31	2	125	5	92	7	17	12	1	0	11	2	0	0	16	2	37	6	66	23	1	0	9	2	16	4		
	MCT	4	1	2	0	3	0	8	0	12	1	1	1	0	0	5	1	1	0	7	1	7	1	0	0	1	0	1	0	0	0		
1993	Meta	5	1	7	0	3	0	8	0	3	0	3	2	1	0	0	0	0	1	0	1	0	0	0	0	0	3	1	1	0			
	Review	46	8	74	3	81	6	40	1	58	4	8	6	55	8	20	3	34	14	33	3	55	8	36	13	9	1	8	2	15	4		
	Editorial	51	8	279	13	77	5	235	8	134	10	1	1	0	0	33	5	2	1	10	1	68	10	9	3	1	0	33	8	13	3		
	Total	638	100	2315	100	1453	100	2858	100	1383	100	127	100	650	100	675	100	242	100	1021	100	770	100	240	100	776	100	414	100	395	100		
	OR	178	28	545	24	650	45	648	23	332	24	71	56	472	73	549	81	220	91	856	84	526	68	156	65	732	94	147	36	341	86		
	Letter	279	44	1269	55	465	32	1756	61	751	54	27	21	135	21	43	6	16	7	93	9	44	6	6	3	0	0	60	14	11	3		
	RCT	43	7	57	2	23	2	106	4	82	6	17	13	7	1	14	2	0	0	16	2	52	7	51	21	3	0	18	4	19	5		
	MCT	12	2	1	0	6	0	8	0	13	1	4	3	1	0	5	1	1	0	10	1	8	1	0	0	1	0	7	2	0	0		
1994	Meta	10	2	6	0	4	0	5	0	1	0	0	0	1	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0		
	Review	62	10	64	3	43	3	54	2	75	5	7	6	28	4	22	3	2	1	36	4	67	9	14	6	16	2	23	6	13	3		
	Editorial	51	8	280	12	76	5	62	2	125	9	1	1	0	0	38	6	2	1	9	1	52	7	5	2	22	3	35	8	8	2		
	Total	553	100	2241	100	1384	100	2721	100	1405	100	120	100	750	100	697	100	304	100	1108	100	871	100	292	100	694	100	417	100	477	100		
	OR	174	31	525	23	612	44	603	22	342	24	57	48	549	73	566	81	255	84	910	82	625	72	196	67	654	94	170	41	390	82		
	Letter	236	43	1109	49	444	32	1654	61	763	54	33	28	150	20	49	7	24	8	105	9	70	8	9	3	0	0	74	18	20	4		
	RCT	45	8	44	2	43	3	117	4	65	5	19	16	5	1	7	1	9	3	24	2	77	9	21	7	3	0	11	3	31	6		
	MCT	3	1	5	0	11	1	11	0	14	1	5	4	3	0	7	1	3	1	14	1	13	1	0	0	0	4	1	2	0	0		
1995	Meta	6	1	7	0	14	1	3	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0		
	Review	40	7	122	5	17	1	70	3	76	5	5	4	42	6	17	2	13	4	39	3	41	4	21	7	8	1	13	3	15	3		
	Editorial	45	8	267	12	84	6	61	2	138	10	1	1	0	0	33	5	0	0	11	1	18	2	2	1	29	4	40	10	8	2		
	Total	538	100	2713	100	1372	100	2735	100	1339	100	126	100	775	100	645	100	385	100	1135	100	1071	100	313	100	751	100	401	100	533	100	361	100
	OR	145	27	502	19	589	43	575	21	311	23	81	64	567	73	521	81	350	91	924	81	748	70	215	69	713	95	135	34	445	83	236	65
	Letter	234	43	1408	52	451	33	1694	62	714	53	17	13	141	18	47	7	24	6	109	10	84	8	29	9	0	0	72	18	20	4	53	15
	RCT	36	7	51	2	36	3	99	4	85	6	12	10	10	1	18	3	2	1	27	2	89	8	36	12	5	1	16	4	36	7	3	1
	MCT	6	1	5	0	15	1	16	1	8	1	3	2	0	0	10	2	1	0	31	3	21	2	3	1	1	0	5	1	1	0	0	
1996	Meta	9	2	5	0	17	1	4	0	2	0	2	2	1	0	1	0	0	0	0	0	5	0	1	0	0	0	1	0	0	0	0	
	Review	53	10	118	4	26	2	108	4	78	6	10	8	54	7	13	2	8	2	39	3	41	4	21	7	8	1	13	3	15	3	31	9
	Editorial	53	10	268	10	86	6	52	2	136	10	1	1	1	0	25	4	0	0	2	0	49	5	3	1	23	3	44	11	13	2	12	3
	Total	583	100	2578	100	1316	100	2739	100	1282	100	130	100	747	100	664	100	333	100	1288	100	983	100	384	100	744	100	374	100	514	100	374	100
	OR	154	26	568	22	545	41	648	24	321	25	84	65	573	77	517	78	290	87	1081	84	671	68	263	68	668	90	127	34	440	86	226	60
	Letter	248	43	1226	48	412	31	1603	59	663	52	14	11	140	19	50	8	31	9	128	10	99	10	24	6	0	0	62	17	20	4	51	14
	RCT	38	7	53	2	38	3	116	4	72	6	17	13	9	1	16	2	1	0	24	2	72	7	39	10	11	1	22	6	26	5	0	0
	MCT	9	2	3	0	16	1	14	1	13	1	0	0	1	0	5	1	2	1	19	1	13	1	2	1	4	1	3	1	2	0	1	
1997	Meta	6	1	11	0	10	1	7	0	1	0	2	2	0	0	1	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0		
	Review	59	10	87	3	33	3	91	3	73	6	11	8	21	3	25	4	6	2	27	2	39	4	42	11	17	2	16	4	11	2	48	13
	Editorial	48	8	288	11	84	6	56	2	138	11	1	1	0	0	32	5	1	0	3	0	50	5	1	0	43	6	41	11	9	2	8	2
	Total	597	100	2241	100	1337	100	2492	100	1309	100	141	100	776	100	609	100	341	100	1207	100	1246	100	329	100	775	100	431	100	565	100	395	100
	OR	147	25	460	21	557	42	610	24	296	23	80	57	597	77	512	84	276	81	996	83	849	68	239	73	682	88	123	29	443	78	188	48

eTABLE continued. Authorship and Publication Trends From 1986 to 2006

Year	Article type	<i>AIM</i>	<i>BMJ</i>	<i>JAMA</i>	<i>The Lancet</i>	<i>NEJM</i>	<i>AGP</i>	<i>AJR</i>	<i>Radiology</i>	<i>AJNR</i>	<i>Blood</i>	<i>Circulation</i>	<i>JACI</i>	<i>JCI</i>	<i>JNCI</i>	<i>Hepatology</i>	<i>NM</i>		
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
1998	Letter	256	43	1036	46	424	32	1404	56	703	54	13	9	138	18	40	7	45	13
	RCT	35	6	49	2	38	3	118	5	91	7	26	18	3	0	7	1	0	0
	MCT	13	2	14	1	10	1	9	0	12	1	4	3	2	0	8	1	1	0
	Meta	4	1	17	1	10	1	5	0	68	5	1	1	0	0	1	0	0	0
	Review	59	10	149	7	50	4	144	6	134	10	17	12	25	3	20	3	19	6
	Editorial	46	8	256	11	90	7	52	2	1298	100	0	0	7	1	18	3	0	0
	Total	595	100	2998	100	1398	100	2766	100	302	23	166	100	757	100	560	100	389	100
	OR	175	29	1150	38	592	42	672	24	685	53	89	54	646	85	439	78	323	83
	Letter	247	42	1023	34	433	31	1466	53	85	7	35	21	62	8	57	10	9	2
	RCT	27	5	70	2	53	4	123	4	16	1	26	16	7	1	13	2	2	1
1999	MCT	6	1	13	0	9	1	18	1	66	5	1	1	3	0	7	1	2	1
	Meta	3	1	29	1	20	1	4	0	140	11	3	2	1	0	1	0	0	0
	Review	61	10	227	8	29	2	124	4	1349	100	9	5	23	3	24	4	9	2
	Editorial	48	8	276	9	115	8	48	2	346	26	3	2	8	1	18	3	46	12
	Total	538	100	3621	100	1375	100	2864	100	684	51	162	100	780	100	567	100	382	100
	OR	187	35	1680	46	563	41	804	28	78	6	107	66	637	82	469	83	312	82
	Letter	213	40	970	27	451	33	1416	49	13	1	19	12	81	10	42	7	21	5
	RCT	22	4	60	2	49	4	157	5	3	0	26	16	8	1	14	2	4	1
	MCT	2	0	15	0	13	1	14	0	75	6	2	1	5	1	8	1	1	0
	Meta	5	1	9	0	14	1	8	0	145	11	0	0	0	0	3	1	1	0
2000	Review	44	8	216	6	18	1	134	5	1310	100	8	5	33	4	17	3	10	3
	Editorial	48	9	247	7	103	7	51	2	365	28	0	0	10	1	12	2	32	8
	Total	558	100	3325	100	1636	100	2533	100	648	49	150	100	740	100	796	100	379	100
	OR	199	36	1392	42	884	54	749	30	76	6	99	66	655	89	678	85	296	78
	Letter	214	38	968	29	417	25	1191	47	16	1	18	12	38	5	38	5	26	7
	RCT	29	5	56	2	61	4	120	5	1	0	24	16	5	1	16	2	2	1
	MCT	12	2	11	0	13	1	20	1	77	6	0	0	1	0	14	2	1	0
	Meta	3	1	13	0	4	0	20	1	126	10	0	0	0	0	7	1	1	0
	Review	48	9	176	5	20	1	74	3	1149	100	8	5	26	4	26	3	14	4
	Editorial	38	7	259	8	99	6	51	2	271	24	0	0	9	1	11	1	36	9
2001	Total	513	100	2226	100	1253	100	2683	100	547	48	163	100	633	100	546	100	379	100
	OR	192	37	362	16	580	46	769	29	82	7	102	63	528	83	453	83	297	78
	Letter	156	30	988	44	337	27	1155	43	22	2	33	20	66	10	43	8	15	4
	RCT	34	7	55	2	51	4	101	4	1	0	23	14	3	0	12	2	3	1
	MCT	8	2	15	1	19	2	14	1	89	8	1	1	1	0	5	1	1	0
	Meta	10	2	19	1	6	0	9	0	133	12	0	0	0	0	1	0	8	1
	Review	53	10	169	8	40	3	96	4	1410	100	3	2	17	3	16	3	12	3
	Editorial	42	8	258	12	89	7	50	2	359	25	1	1	9	1	14	3	38	10
	Total	535	100	2334	100	1252	100	2335	100	758	54	150	100	614	100	552	100	344	100
	OR	113	21	368	16	483	39	779	33	79	6	86	57	501	82	438	79	288	84
2002	Letter	174	33	857	37	362	29	910	39	10	1	31	21	59	10	51	9	17	5
	RCT	27	5	66	3	68	5	105	4	82	6	23	15	11	2	12	2	2	1
	MCT	6	1	36	2	12	1	11	0	119	8	2	1	2	0	7	1	0	0
	Meta	10	2	7	0	9	1	6	0	1448	100	0	0	0	0	3	1	0	0
	Review	53	10	238	10	57	5	108	5	425	29	6	4	28	5	15	3	7	2
	Total	535	100	2334	100	1252	100	2335	100	758	54	150	100	614	100	552	100	344	100

eTABLE continued. Authorship and Publication Trends From 1986 to 2006

Year	Article type	<i>AIM</i>		<i>BMJ</i>		<i>JAMA</i>		<i>The Lancet</i>		<i>NEJM</i>		<i>AGP</i>		<i>AJR</i>		<i>Radiology</i>		<i>AJNR</i>		<i>Blood</i>		<i>Circulation</i>		<i>JACI</i>		<i>JCI</i>		<i>JNCI</i>		<i>Hepatology</i>		<i>NM</i>			
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%				
2003	Editorial	38	7	247	11	93	7	49	2	740	51	2	1	7	1	25	5	28	8	1	0	109	8	9	2	1	0	43	12	7	2	12	3		
	Total	634	100	2321	100	1221	100	2241	100	91	6	134	100	656	100	607	100	414	100	1902	100	1460	100	496	100	480	100	425	100	423	100	412	100		
	OR	128	20	514	22	370	30	826	37	5	0	98	73	541	82	494	81	353	85	1673	88	900	62	252	51	386	80	148	35	290	69	176	43		
	Letter	202	32	722	31	422	35	799	36	99	7	4	3	49	7	50	8	19	5	114	6	153	10	76	15	0	0	68	16	53	13	21	5		
	RCT	25	4	53	2	82	7	71	3	86	6	21	16	4	1	11	2	3	1	32	2	121	8	37	7	2	0	27	6	19	4	3	1		
	MCT	5	1	32	1	17	1	12	1	1518	100	3	2	6	1	4	1	5	1	34	2	26	2	6	1	0	0	7	2	8	2	1	0		
2004	Meta	8	1	7	0	6	0	7	0	556	37	4	3	1	0	1	0	0	0	0	0	2	0	2	0	0	0	2	0	0	0	0	0		
	Review	91	14	195	8	44	4	137	6	679	45	4	3	40	6	22	4	5	1	46	2	124	8	110	22	80	17	34	8	41	10	23	6		
	Editorial	47	7	234	10	103	8	51	2	91	6	0	0	6	1	23	4	28	7	1	0	67	5	11	2	1	0	33	8	9	2	12	3		
	Total	669	100	2187	100	1069	100	1879	100	11	1	125	100	651	100	589	100	375	100	1731	100	1475	100	460	100	471	100	423	100	432	100	406	100		
	OR	123	18	383	18	282	26	805	43	86	6	96	77	555	85	469	80	313	83	1539	89	918	62	268	58	375	80	146	35	298	69	181	45		
	Letter	247	37	632	29	363	34	511	27	91	6	2	2	40	6	45	8	19	5	72	4	134	9	70	15	0	0	68	16	37	9	16	4		
2005	RCT	33	5	69	3	72	7	76	4	1467	100	18	14	2	0	20	3	1	0	35	2	129	9	31	7	0	0	18	4	18	4	1	0		
	MCT	9	1	37	2	22	2	18	1	506	34	4	3	3	0	10	2	2	1	39	2	32	2	7	2	0	0	9	2	7	2	0	0		
	Meta	9	1	6	0	6	1	6	0	649	44	2	2	0	0	1	0	0	0	0	0	7	0	1	0	0	0	7	2	1	0	0	0		
	Review	57	9	216	10	46	4	107	6	94	6	2	2	44	7	25	4	14	4	43	2	150	10	66	14	70	15	19	4	53	12	25	6		
	Editorial	59	9	262	12	93	9	76	4	9	1	0	0	3	0	18	3	24	6	1	0	44	3	15	3	3	1	40	9	8	2	12	3		
	Total	540	100	2063	100	1026	100	1581	100	2	0	141	100	709	100	649	100	490	100	1755	100	1357	100	506	100	476	100	410	100	402	100	394	100		
2006	OR	103	19	318	15	337	33	721	46	71	5	104	74	581	82	517	80	410	84	1561	89	871	64	265	52	365	77	143	35	277	69	177	45		
	Letter	167	31	560	27	265	26	393	25	135	9	1	1	44	6	44	7	24	5	58	3	91	7	91	18	1	0	66	16	44	11	17	4		
	RCT	30	6	56	3	56	5	74	5	1	0	26	18	4	1	24	4	2	0	33	2	95	7	37	7	2	0	19	5	16	4	1	0		
	MCT	6	1	50	2	12	1	12	1	1420	100	3	2	8	1	12	2	3	1	36	2	43	3	8	2	0	0	13	3	5	1	0	0		
	Meta	17	3	5	0	13	1	8	1	443	31	3	2	0	0	6	1	1	0	1	0	10	1	1	0	0	0	7	2	0	0	0	0		
	Review	56	10	239	12	40	4	92	6	649	46	4	3	67	9	29	4	23	5	61	3	93	7	84	17	78	16	11	3	39	10	9	2		
2006	Editorial	59	11	255	12	93	9	130	8	114	8	0	0	2	0	15	2	24	5	2	0	124	9	13	3	6	1	44	11	15	4	12	3		
	Total	472	100	1926	100	1016	100	1570	100	9	1	152	100	722	100	520	100	468	100	1693	100	1212	100	542	100	400	100	369	100	416	100	420	100		
	OR	123	26	244	13	310	31	571	36	73	5	108	71	611	85	418	80	394	84	1436	85	808	67	277	51	344	86	149	40	258	62	177	42		
	Letter	124	26	568	29	288	28	471	30	124	9	5	3	42	6	36	7	33	7	85	5	61	5	104	19	7	2	29	8	34	8	19	5	19	5
	RCT	29	6	69	4	57	6	55	4	1	0	27	18	12	2	18	3	2	0	45	3	60	5	43	8	0	0	10	3	19	5	0	0		
	MCT	7	1	39	2	18	2	9	1	3	0	6	4	6	1	6	1	6	1	69	4	26	2	5	1	0	0	13	4	18	4	0	0		
	Meta	7	1	3	0	6	1	1	0	1	0	2	1	1	0	1	0	0	0	2	0	4	0	2	0	0	0	9	2	1	0	0	0		
2006	Review	49	10	239	12	35	3	146	9	2	0	3	2	41	6	22	4	23	5	51	3	103	8	94	17	40	10	9	2	53	13	3	1		
	Editorial	58	12	241	13	80	8	148	9	1	0	0	0	6	1	16	3	8	2	0	0	112	9	11	2	6	2	49	13	25	6	11	3		

Breakdown of publication volume (No.) and associated percentages (%) relative to total published articles for that year are shown for each article subtype. *AGP* = Archives of General Psychiatry; *AIM* = Annals of Internal Medicine; *AJNR* = American Journal of Neuroradiology; *AJR* = American Journal of Roentgenology; *BMJ* = British Medical Journal; *JACI* = Journal of Allergy and Clinical Immunology; *JAMA* = Journal of the American Medical Association; *JCI* = The Journal of Clinical Investigation; *JNCI* = Journal of the National Cancer Institute; *MCT* = multicenter trial; *Meta* = meta-analysis; *NEJM* = The New England Journal of Medicine; *NM* = Nature Medicine; *OR* = original research; *RCT* = randomized controlled trial.